

### **Amendments to the Specification**

Please replace the Abstract with the following amended Abstract:

The invention relates to a portable electronic device, ~~like a shaver, a toothbrush, a walkman, a telephony unit, etc., said device being~~ arranged to measure a signal representative of a physiological condition of ~~a user~~ an individual during ~~a conventional usage of said device~~. In an embodiment of the electric shaver (25), it is provided with a first contact surface (26) comprising a plurality of shaving heads (26a, 26b, 26c). The shaving heads are manufactured from an electrically conducting material, usually a metal and are suited to provide a good electrical contact to the individual's skin during shaving, thus constituting a first electrode. The device includes a first contact surface comprising a first electrode that is electrically isolated from a second contact surface that comprises a second electrode. The first and second contact surfaces are arranged to contact, respectively, the head of the individual during usage and a hand. The invention further relates to a health management system arranged to monitor a physiological condition of an individual. The system comprises sensing means arranged to detect a signal representative of the condition, analysis means arranged to analyze the signal in order to derive a health-related parameter, and transmission means arranged to be actuated by the analysis means to forward the parameter to a remote health provider in order to derive a health condition of the individual. ~~The second contact surface (28') is provided on the housing of the shaver, in particular on a grip portion (28) thereof, where a contact to a hand of the individual is enabled. The second contact surface (28') comprises a second electrode (29). Additionally, the second contact surface (28') can comprise a further sensor (29') arranged to provide additional data on the physiological condition of the user. The signal measured from the electrodes is supplied to the input of the amplifier (30), which is preferably a differential amplifier. The signal from the differential amplifier (30) is then supplied to a band pass filter (32), which is preferably set for the range of 0.02 Hz to 100 Hz. The limited amplified biosignal (33) is then forwarded to the analogue-to-digital converter (34). The digitized signal is then analyzed by the analysis means (35); the results of the analysis, comprising the deduced health-related parameter is being displayed on a display (36) of the electric shaver. Additionally the health-related parameter~~

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~~and/or the raw data are transmitted to a remotely arranged unit by a built-in transmission means~~

~~(38). Preferably, the transmission means (38) comprises a wire less transmitter.~~

Please replace the third paragraph on page 1 with the following amended paragraph:

The invention still further relates to a health management system arranged to monitor a physiological condition of an individual, said system comprising:

- sensing means arranged to detect a signal representative of said condition,
- analysis means arranged to analyze said signal in order to derive a health-related parameter,
- transmission means ~~actuatable~~ arranged to be actuated by said analysis means, said transmission means being arranged to forward said parameter to a remote health provider, said health provider being arranged to process said parameter in order to derive a health condition of said individual.